

Table 1: Rel A ISS L4 to RBR using baseline 07-31-96
This table identifies the relationship between Level_4 and RBR
This table is for review purposes only.

RBR_id	req_key	req_type	RBR text	interpretation text	L4 id	req_key	rel	req_type	req_status	text
EOSD1695#A	4831	interface	The ECS shall provide 2-way interoperability with the V0 system.		C-ISS-01090	680	A	functional	approved	The ISS shall provide for local or metro area connectivity between V0 network nodes and V1 network nodes at <u>GSFC and LaRC</u> GSFC, LaRC and MSFC DAAC sites in order to provide interoperability between the systems.
V0-0055#A	3052	interface	Version 0 shall permit ECS to use agreed upon Version 0 network components and							
ESN-0010#A	5196	security	ESN shall provide the following standard services: a. Data Transfer and Management Services b. Electronic Messaging Service c. Remote Terminal Service d. Process to Process Communication Service e. Directory and User Access Control Service f. Network Management Service g. Network Security and Access Control Service h. Internetwork Interface Services i. Bulletin Board Service	A: "mission critical" designation. Those that refer to NSI should be "mission success"?						
					C-ISS-01110	-9775	A	functional	approved	The ISS shall provide for connectivity with TSDIS in order to transfer TRMM data to the MSFC DAAC via the EBnet.
ESN-0070#B	6324	functional	The ESN shall support the intrasite elements data flow requirements identified in this specification.		C-ISS-01120	-683	A	functional	approved	The ISS shall provide for connectivity to the MSFC campus network to enable transfer of data between SCF(s) located at MSFC

										and the MSFC DAAC.
ESN-0010#B	3955	security	ESN shall provide the following standard services: a. Data Transfer and Management Services b. Electronic Messaging Service c. Remote Terminal Service d. Process to Process Communication Service e. Directory and User Access Control Service f. Network Management Service g. Network Security and Access Control Service h. Internetwork Interface Services i. Bulletin Board Service							
ESN-0010#A	5196	security	ESN shall provide the following standard services: a. Data Transfer and Management Services b. Electronic Messaging Service c. Remote Terminal Service d. Process to Process Communication Service e. Directory and User Access Control Service f. Network Management Service g. Network Security and Access Control Service h. Internetwork Interface Services i. Bulletin Board Service	A: "mission critical" designation. Those that refer to NSI should be "mission success"?						
ASTER-0950#B	5726	interface	ECS shall have the capability to send and ASTER GDS shall have the capability to receive ancillary data, including associated metadata.		C-ISS-01185	-704	A	functional	approved	The ISS shall provide for connectivity to the designated international partner (IP) pickup point for ASTER.
NI-0230#A	3379	interface	ECS shall have the capability to interface with the GN, DSN, and WOTS for obtaining return link (telemetry) data from EOS spacecraft (via the EDOS/Ecom interface). Mission-specific		C-ISS-01195	705	A	functional	approved	The ISS shall provide for connectivity with <u>Ebnet Ecom</u> at the following ECS sites: a. GSFC DAAC b. GSFC EOC c. LaRC DAAC d. MSF DAAC

			requirements for supporting EOS spacecraft telemetry operations will be documented in the EOS mission-level Detailed Mission Requirements documents.							
EOSD0010#A	6311	operational	ECS shall use and support the Space Network (SN), via the EDOS/EBnet interface, to obtain the forward and return link data communications needed to achieve full end-to-end ECS functionality.	A: ONLY THE GSFC AND LARC DAACS WILL INTERFACE WITH EDOS						
NI-0010#A	6353	interface	ECS shall have the capability to communicate with the TDRSS via the EDOS/EBnet interface.							
NI-0020#A	6356	interface	ECS shall have the capability to communicate with the TDRSS for transmitting commands to EOS spacecraft (via the EDOS/EBnet interface). Mission-specific requirements for supporting EOS spacecraft command operations will be documented in the EOS mission-level Detailed Mission Requirements documents.							
NI-0030#A	6366	interface	ECS shall have the capability to interface with the TDRSS for obtaining return link (telemetry) data from EOS spacecraft (via the EDOS/EBnet interface). Mission-specific requirements for supporting EOS spacecraft telemetry operations will be documented in the EOS mission Detailed Mission Requirements documents.							
ESN-0010#A	5196	security	ESN shall provide the following standard services:	A: "mission critical"	C-ISS-01250	—697	A	functional	approved	The ISS shall provide LAN connectivity and OSI Layer

			a. Data Transfer and Management Services b. Electronic Messaging Service c. Remote Terminal Service d. Process to Process Communication Service e. Directory and User Access Control Service f. Network Management Service g. Network Security and Access Control Service h. Internetwork Interface Services i. Bulletin Board Service	designation. Those that refer to NSI should be "mission success"?							1 through 4 (i.e., from the physical to the transport layer) services between SDPS components at the MSFC DAAC.
ESN-0070#A	6322	functional	The ESN shall support the intrasite elements data flow requirements identified in this specification.								
ESN-0010#B	3955	security	ESN shall provide the following standard services: a. Data Transfer and Management Services b. Electronic Messaging Service c. Remote Terminal Service d. Process to Process Communication Service e. Directory and User Access Control Service f. Network Management Service g. Network Security and Access Control Service h. Internetwork Interface Services i. Bulletin Board Service		C-ISS-01280	948	A	functiona l	approved		The ISS shall provide LAN connectivity and OSI Layer 1 through 4 (i.e., from the physical to the transport layer) services between the SMC and the EOC <u>via a GFE LAN</u> .
ESN-0070#A	6322	functional	The ESN shall support the intrasite elements data flow requirements identified in this specification.								
ESN-0070#B	6324	functional	The ESN shall support the intrasite elements data flow requirements identified in this specification.								
ESN-0010#A	5196	security	ESN shall provide the following standard services: a. Data Transfer and Management Services	A: "mission critical" designation. Those that							

			<ul style="list-style-type: none"> b. Electronic Messaging Service c. Remote Terminal Service d. Process to Process Communication Service e. Directory and User Access Control Service f. Network Management Service g. Network Security and Access Control Service h. Internetwork Interface Services i. Bulletin Board Service 	refer to NSI should be "mission success"?						
ESN-0070#A	6322	functional	The ESN shall support the intrasite elements data flow requirements identified in this specification.		C-ISS-01300	-950	A	functiona t	approved	The ISS shall provide LAN connectivity and OSI Layer 1 through 4 (i.e., from the physical to the transport layer) services between the CSMS and the SDPS components at the MSFC DAAC.
ESN-0010#A	5196	security	<p>ESN shall provide the following standard services:</p> <ul style="list-style-type: none"> a. Data Transfer and Management Services b. Electronic Messaging Service c. Remote Terminal Service d. Process to Process Communication Service e. Directory and User Access Control Service f. Network Management Service g. Network Security and Access Control Service h. Internetwork Interface Services i. Bulletin Board Service 	A: "mission critical" designation. Those that refer to NSI should be "mission success"?						
IMS-0090#A	6501	interface	<p>The IMS shall be accessible to users via, at a minimum:</p> <ul style="list-style-type: none"> a. Direct connection c. Network link 		C-ISS-01350	-9847	A	interface		The ISS shall provide a dial-up service via an ISP (Internet Service Provider) so that ECS WWW based services can be accessed by authorized users.
IMS-0090#B	4942	interface	<p>The IMS shall be accessible to users via, at a minimum:</p> <ul style="list-style-type: none"> a. Direct connection b. Dial up connection c. Network link 							

DADS1980# A	4645	functional	Each DADS shall receive from the SMC scheduling directives for system level, site/element-to-site/element, testing, and simulation activities.		<u>C-ISS-02520</u>	<u>New</u>	<u>A</u>	<u>functional</u>	<u>approved</u>	<u>The SMC shall be able to access selected DAAC operator workstations via remote X-Windows.</u>
DADS2110# A	4640	functional	The DADS shall provide scheduling information to the SMC.							